



Former C-6 Facility

Lot 8 Millie & Severson Construction Damage Costs 3-Oct-05

Item #1	Repair Cost Item	Unit Cost	Units	Total	Notes
Injection Well AW133UB					-Injection well was damaged by backhoe during installation of storm drain line on 06/13/05. -Repair required excavation to unbroken casing, shore open excavation with trench jacks, repair casing, backfill with slurry back to surface, redevelop dirt out of well, perform hydraulic test of well to verify well performance was not affected.
	Drilling Contractor Well Development	\$120.00	2	\$240	Done on 6/27/05
	Drilling Contractor Well Development	\$120.00	2	\$240	Done on 6/27/05
	H&A Labor	\$95.00	4	\$380	Done on 6/27/05
	ICS Construction	\$105.00	4	\$420	Well Casing excavation, shoring, casing repair, slurry backfill
	Backhoe	\$100.00	1	\$100	1/2 day charge
	Trench jacks	\$25.00	1	\$25	1/2 day charge
	Slurry	\$88.00	10	\$880	10 yards
	H&A oversight of ICS work	\$95.00	4	\$380	
	Boeing Oversight	\$96.00	4	\$384	
	Total			\$3,049	
Item #2	Repair Cost Item	Unit Cost	Units	Total	Notes
Vapor Extraction Well VEW-14					-Vapor extraction well was damaged by grading contractor overcut during mass grading. Well was cut & capped by H&A and was on infrastructure protection plan. -Repair required excavation to unbroken casing, repair casing, backfill with soil, redevelop dirt out of well with air compressor.
	H&A Labor	\$95.00	1.5	\$143	Well inspection & oversight
	ICS Construction	\$105.00	1	\$105	Well Casing excavation, casing repair, backfill
	Compressor	\$75.00	1	\$75	1/2 day charge
	Total			\$323	

Item #	Repair Cost Item	Unit Cost	Units	Total	Notes
Item #3	Repair Cost Item	Unit Cost	Units	Total	Notes
Groundwater Monitoring Well TMW-7					-Groundwater monitoring well was damaged by grading contractor on 8/29/05. Well was clearly marked by H&A and was on infrastructure protection plan. -Repair not required-however well condition needed to be checked by H&A with electronic sounder and bailer to evaluate if well required re-development.
	H&A Labor	\$95.00	3	\$285	Well inspection
	Electronic sounder & bailer	\$75.00	1	\$75	Well inspection materials
	Total			\$360	
Item #4	Repair Cost Item	Unit Cost	Units	Total	Notes
Pipeline Damage					-Pipeline was damaged by worker with pick axe (electrical contractor) on 8/22/05. -Repair required excavation, re-weld HDPE pipeline, inspect, backfill.
	H&A Labor	\$95.00	1	\$95	Repair inspection & oversight
	ICS Construction	\$105.00	2	\$210	Pipe excavation, re-weld HDPE, backfill
	Materials	\$25.00	1	\$25	
	Total			\$330	
Item #5	Repair Cost Item	Unit Cost	Units	Total	Notes
Pipeline Damage					-Damage to pipelines under office area by Concrete contractor on 4/6/05. -Repair required excavation, repair of 10 damaged HDPE injection pipelines, backfill of trench.
	ICS Construction	\$105.00	8	\$840	Pipeline excavation, re-weld HDPE, inspect, backfill
	Total			\$840	
	Grand Total			\$4,902	